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REPLY TO THE OFFICE ACTION
Application Number: 10/583,047
Art Unit: 2837
Examiner David S. Warren



By Inventor and Applicant: Seiji Kashioka

This is reply to the office action on the utility patent application No. 10/583,047.

REPLY TO CLAIM REJECTION - 35 USC 112

Claims has been revised according to the issue you pointed out. See attachment.

ITEM 2.

Regarding Claim 1:

- (1) "takt" is word of German language, and is replaced by "beats".
- (2) With my understanding, there are two kinds of "automatic" machines: One is "autonomous" machine, which acts in self-governing way. The other is "Adaptive" machine, which acts responding external stimuli. Here in Claim 1, I use "autonomous" as "self-paced" or in other word "with internal time measurement". So, I leave it.
- (3) "Forth" is obvious spelling error. It is replaced by "fourth".

Regarding Claim 2:

Many inventions deal with method of "turning" page, even music score is displayed on electronic devices. But, the timing of turning page is so critical, that their systems are not perfect. As far as turning page is instant, or in other word, done in very short and negligible time, timing must be very accurate. If system's timing is behind the performance, player can't see the contents of the next page immediately necessary to play. If system's timing is ahead of the performance, player can't see the last portion of the page the player has not played yet.

This (my) invention takes advantage of electronic display device, takes method, which can not realized by physical paper. That is to renew the music image gradually portion by portion. I use words "overwrite" or "renew". But Sitrick in the reference (USP 7,098,392, Column 46, lines 18~24) use the word "reveal page-turn", which may express nuance of the looks more likely.

But, there is difference between Sitrick's reveal page-turn and method in this invention. With Sitrick's, speed of revealing transition is set by user or set as system default value. Anyway once it starts it does not stop. On the other hand in this invention, Claim 2 specifies the way of renewing the image from old page to new page. Renewing place, which is gradually moving, keep distance in both forward and backward direction from the place, player is performing at the moment. The distance here is as large as, for example, one fifth to one half page. So, the renewing place is always depends on the internal performing place system follows up. Even the page contains mixture of *Largo* and *Allegro*, or player stop and repeat some portion during exercise, renewing place keeps the distance.

For vivid visual understanding, I attached Fig. A to this replay. In the figure each rectangle shows display area of music. There are twelve partitions in the display area. Each partition includes one stave not shown in the figure. In this figure, mark "x" shows